



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We make Indiana a cleaner, healthier place to live.

Joseph E. Kernan
Governor

Lori F. Kaplan
Commissioner

November 24, 2003

100 North Senate Avenue
P.O. Box 6015
Indianapolis, Indiana 46206-6015
(317) 232-8603
(800) 451-6027
www.in.gov/idem

TO: Interested Parties / Applicant

RE: Rotational Molding Technologies, Inc. / 039-18347-00572

FROM: Paul Dubenetzky
Chief, Permits Branch
Office of Air Quality

Notice of Decision – Approval

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to 326 IAC 2, this approval was effective immediately upon submittal of the application.

If you wish to challenge this decision, IC 4-21.5-3-7 requires that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office of Environmental Adjudication, 100 North Senate Avenue, Government Center North, Room 1049, Indianapolis, IN 46204, **within eighteen (18) calendar days from the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

- (1) the date the document is delivered to the Office of Environmental Adjudication (OEA);
- (2) the date of the postmark on the envelope containing the document, if the document is mailed to OEA by U.S. mail; or
- (3) The date on which the document is deposited with a private carrier, as shown by receipt issued by the carrier, if the document is sent to the OEA by private carrier.

The petition must include facts demonstrating that you are either the applicant, a person aggrieved or adversely affected by the decision or otherwise entitled to review by law. Please identify the permit, decision, or other order for which you seek review by permit number, name of the applicant, location, date of this notice and all of the following:

- (1) the name and address of the person making the request;
- (2) the interest of the person making the request;
- (3) identification of any persons represented by the person making the request;
- (4) the reasons, with particularity, for the request;
- (5) the issues, with particularity, proposed for considerations at any hearing; and
- (6) identification of the terms and conditions which, in the judgment of the person making the request, would be appropriate in the case in question to satisfy the requirements of the law governing documents of the type issued by the Commissioner.

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178. Callers from within Indiana may call toll-free at 1-800-451-6027, ext. 3-0178.

Enclosures
FNPER-AM.dot 9/16/03



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November 24, 2003

Carl Van Gilst
Rotational Molding Technologies, Inc.
67742 County Road 23
New Paris, Indiana 46553

Re: **039-18347-00572**

Notice Only Change

Transfer of Ownership and Name Change

Registered Construction and Operation Status

039-16118-00572

Dear Mr. Van Gilst::

A letter notifying the Office of Air Quality (OAQ) of a change in ownership was received on November 5, 2003. The following is a revision of the registration acknowledging the transfer of ownership of Behlen Engineered Plastics to Rotation Molding Technologies, Inc., at the same location.

The application from Behlen Engineered Plastics, received on September 16, 2002, has been reviewed. Based on the data submitted and the provisions in 326 IAC 2-5.1, it has been determined that the following agricultural plastics equipment and miscellaneous metal products manufacturing source, to be located at 67742 County Road 23, New Paris, Indiana 46555, is classified as registered:

- (a) One (1) surface coating operation, consisting of the following:
 - (1) One (1) E-coat epoxy dip tank, capacity: 163 metal agricultural parts per hour,
 - (2) One (1) E-coat acrylic dip tank, capacity: 163 metal agricultural parts per hour, and
 - (3) One (1) spray application, equipped with high volume low pressure (HVLP) spray guns, operating within an enclosed tank to control particulate overspray, capacity: 163 metal agricultural parts per hour.
- (b) Four (4) roto-molding units, capacity: 285 pounds of resin per hour each.
- (c) Nine (9) silos, total throughput capacity: 1,500 pounds of thermoplastic granules per hour, consisting of:
 - (1) Four (4) storage silos, capacity: 160,000 pounds thermoplastic granules each.
 - (2) Two (2) storage silos, capacity: 11,550 pounds thermoplastic granules each.
 - (3) Two (2) storage silos, capacity: 75,870 pounds thermoplastic granules each.
 - (4) One (1) regrinder silo, capacity: 61,400 pounds thermoplastic granules.

- (d) Four (4) metal inert gas (MIG) welding stations, using ER70S-3 wire, capacity: 1.30 pounds of wire per hour, each.
- (e) One (1) natural gas-fired boiler, rated at 8.37 million British thermal units per hour.
- (f) One (1) natural gas-fired bake oven, rated at 2.5 million British thermal units per hour.
- (g) Twenty-eight (28) natural gas-fired space heaters, rated at a total of 5.07 million British thermal units per hour, total, consisting of the following:
 - (1) One (1) space heater rated at 0.080 million British thermal units per hour,
 - (2) Three (3) space heaters rated at 0.130 million British thermal units per hour, each,
 - (3) Two (2) space heaters rated at 0.140 million British thermal units per hour, each,
 - (4) Eight (8) space heaters rated at 0.160 million British thermal units per hour, each,
 - (5) Ten (10) space heaters rated at 0.200 million British thermal units per hour, each,
 - (6) Four (4) space heaters rated at 0.260 million British thermal units per hour, each.

The following conditions shall be applicable:

1. Pursuant to 326 IAC 5-1-2 (Opacity Limitations) except as provided in 326 IAC 5-1-3 (Temporary alternative opacity limitations), opacity shall meet the following:
 - (a) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
 - (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of 15 minutes (60 readings) in a 6-hour period as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor in a six (6) hour period.
2. Any change or modification which may increase the potential to emit a combination of HAPs, VOC, PM or PM₁₀ to twenty five (25) tons per year or a single HAP to ten (10) tons per year from this source shall require approval from IDEM, OAQ prior to making the change.
3. Pursuant to 40 CFR 52 Subpart P, the PM from one (1) spray application that operates within an enclosed tank located in the one (1) surface coating operation shall not exceed the pound per hour emission rate established as E in the following formula:

Interpolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$$E = 4.10 P^{0.67} \quad \text{where } E = \text{rate of emission in pounds per hour and} \\ P = \text{process weight rate in tons per hour}$$

or

Interpolation and extrapolation of the data for the process weight rate in excess of sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$E = 55.0 P^{0.11} - 40$ where E = rate of emission in pounds per hour and
P = process weight rate in tons per hour

4. Pursuant to 326 IAC 6-3-2(d), particulate from the one (1) spray application shall be controlled by operating within an enclosed tank, and the Permittee shall operate the enclosed tank in accordance with manufacturer's specifications.
5. Pursuant to 326 IAC 6-3-2, the allowable particulate emission rate from the conveying of thermoplastic granules into the nine (9) silos shall not exceed 3.38 pounds per hour when operating at a process weight rate of 0.750 tons per hour.

The pounds per hour limitation was calculated with the following equation:

Interpolation of the data for the process weight rate up to 60,000 pounds per hour shall be accomplished by use of the equation:

$E = 4.10 P^{0.67}$ where E = rate of emission in pounds per hour and
P = process weight rate in tons per hour

6. Pursuant to 326 IAC 8-2-9 (Miscellaneous Metal Coating Operations), the volatile organic compound (VOC) content of coating delivered to the applicators at the dip tank and spray application shall be limited to 3.5 pounds of VOCs per gallon of coating less water, for extreme performance coatings.

Solvent sprayed from application equipment during cleanup or color changes shall be directed into containers. Such containers shall be closed as soon as such solvent spraying is complete, and the waste solvent shall be disposed of in such a manner that evaporation is minimized.

This registration is the first air approval issued to this source. The source may operate according to 326 IAC 2-5.5.

An authorized individual shall provide an annual notice to the Office of Air Quality that the source is in operation and in compliance with this registration pursuant to 326 IAC 2-5.1-2(f)(3). The annual notice shall be submitted to:

**Compliance Branch
Office of Air Quality
100 North Senate Avenue
P.O. Box 6015
Indianapolis, IN 46206-6015**

no later than March 1 of each year, with the annual notice being submitted in the format attached.

An application or notification shall be submitted in accordance with 326 IAC 2 to the Office of Air Quality (OAQ) if the source proposes to construct new emission units, modify existing emission units, or otherwise modify the source.

Sincerely,
Original signed by

Paul Dubenetzky, Chief
Permits Branch
Office of Air Quality

PD/jm
cc: File - Elkhart County

Elkhart County Health Department
Air Compliance - Paul Karkiewicz
IDEM Northern Regional Office
Compliance Data Section - Karen Ampil
Permit Review Section II - Janet Mobley
Rotational Molding Technologies, Inc.
4
New Paris, Indiana
Reviewer: Janet Mobley

Page 4 of

Registration 039-16118-00002

Registration

This form should be used to comply with the notification requirements under 326 IAC 2-5.1-2(f)(3).

Company Name:	Rotational Molding Technologies, Inc.
Address:	66742 County Road 23
City:	New Paris, Indiana 46553
Authorized individual:	Carl Van Gilst
Phone #:	574-536-1465
Registration #:	R 039-16118-00572

I hereby certify that Rotational Molding Technologies, Inc., is still in operation and is in compliance with the requirements of Registration **039-16118-00572**.

Name (typed):
Title:
Signature:
Date: